



**Department of Health and Senior Services**  
**Since 1883**

*Protecting health and keeping people safe.*

**House Appropriations  
Committee on DHSS,  
DMH and DSS**

**Overview**

**January 16, 2018**

## Origin

- Dr. Randall Williams is the 40<sup>th</sup> State Health Director.
- The State Board of Health was created by the legislature in 1883.
- The Department of Health and Senior Services (DHSS) was created by the passage of House Bill 603 in May 2001, which transferred the responsibilities of the Division of Aging in the Department of Social Services to the Department of Health.
- Currently pursuing legislative changes to combine Board of Health and Board of Senior Services to create a more efficient advisory body.

## Significant Departmental Milestones

- The Special Investigations Team within DHSS' Division of Senior and Disability Services was recognized with a 2017 Governor's Award for Quality and Productivity.
- DHSS' Bureau of Vital Records was recognized with a Missouri House Resolution for their efforts to release original birth certificates under the Missouri Adoptees Act.
- In 2017, all 115 Local Public Health Agencies from around the state met together for the first time in more than a decade.
- DHSS has reinstated the Women's Health Council for the first time in 12 years; the council includes 27 members who are thought leaders in their field.
- DHSS now waives fees for birth certificates for foster children.
- DHSS coordinated with other departments and community partners to hold nine Opioid Summits in 2017.
- DHSS helped pass significant opioids legislation in 2017 including the Universal Naloxone Standing Order, Good Samaritan Law and increased drug court access.
- Missouri's first state-wide Prescription Drug Monitoring Program is now being executed under DHSS' Division of Licensure and Regulation.

## Populations and Organizations Served by DHSS

### Populations

- |  |  |
|--|--|
| • Newborns, children and their parents                                     | • Adolescents                            |
| • Pregnant women   | • Rural homeowners needing water tests   |
| • People with special health care needs                                    | • Disaster victims                       |
| • Seniors  | • Family members of deceased individuals |
| • Persons with disabilities  | • People with HIV                        |
| • Residents of long-term care facilities                                   | • Emergency medical technicians          |
| • Individuals with Alzheimer's Disease or other dementia-related illnesses | • Long-term care facility administrators |

## Organizations

- Local Public Health Agencies
- Area Agencies on Aging
- Child care facilities
- Hospitals
- Ambulatory surgical centers
- Prescribers and dispensers of controlled substances
- Ambulance services
- Home health agencies
- Adult day care providers
- Hospice agencies
- Long-term care providers, home and community based service providers, and child care providers needing background screenings of employees
- Restaurants
- Lodging facilities
- Funeral homes
- Schools
- Universities
- Clinical laboratories
- Law enforcement agencies

## What DHSS Does

Below is a summary of duties the department performs to improve the health, safety, and well-being of all Missourians:

- Prepares for and responds to disasters and other health-related emergencies such as floods and foodborne illness outbreaks.
- Provides over \$911 million for in-home and community-based programs for Missouri's seniors and adults with disabilities allowing them to remain in their homes and communities.
- Prevents and controls communicable diseases and detects genetic diseases through testing by the State Public Health Lab.
- Prevents and reduces the burden of chronic disease through federal grants administered by the Division of Community and Public Health.
- Protects Missourians through regulation and inspection of facilities, including hospitals, nursing homes, and child and adult day care programs through the Division of Regulation and Licensure.
- The Office of Primary Care and Rural Health participates in efforts to create more primary and rural providers so that all Missourians have access to health care.
- Protects Missouri seniors and adults with disabilities through the investigation of over 26,000 average annual hotline reports alleging abuse, neglect, or financial exploitation in the Division of Senior and Disability Services.
- The Family Care Safety Registry protects Missourians through 480,417 background screenings of those who care for children, seniors, and persons with disabilities in 2017.
- Ensures food safety through facility inspections, education, surveillance, outbreak investigations and activities tied to food recalls.

## How DHSS Delivers Services

DHSS directly performs some functions, but the majority of DHSS' programs and services are delivered through contracts with third parties overseen by DHSS. Examples include:

- Contracting with the 115 Local Public Health Agencies to improve public health;
- Contracting with the 10 Area Agencies on Aging to improve the lives of seniors;
- Contracting with institutions of higher education for a variety of purposes; and

- Working with more than 1,500 home and community based service providers throughout the state who assist Missouri seniors and persons with disabilities to remain in their homes.

## Challenges

### Public Health

- Public health is credited with adding 25 years to the life expectancy of people in the United States in the past century.
- In 2016, Missouri's ranked 40<sup>th</sup> nationally, down from 27<sup>th</sup> in 1991, on key health indicators such as obesity, tobacco use, heart disease, stroke, cancer, etc.
- Vice Admiral Jerome M. Adams, MD, MPH, Surgeon General of the U.S. Public Health Service stated *"It is estimated that seven in ten youths (ages 17-24) would fail to qualify for military service due to obesity, educational deficits, or behavioral health issues/criminal history."*  
(United States, Congress, Senate, Committee on Health, Education, Labor, and Pensions. Statement of Vice Admiral Jerome M. Adams, M.D., M.P.H., Surgeon General of the U.S. Public Health Service. Department of Health and Human Services, November 15, 2017, <https://www.help.senate.gov/imo/media/doc/Adams3.pdf> )

### Senior Issues

- Public health advances permit our citizens to live longer, healthier lives.
- Those successes—coupled with demographic changes—have created a new challenge.
- The number of Missourians 65 and over is projected to grow from approximately 1.0 million in 2016 to 1.4 million in 2030. One of four Missourians will be over the age 65.
- Such growth will challenge the state's ability to afford the existing level of services provided, much less expand the level of services.

### Regulatory Issues

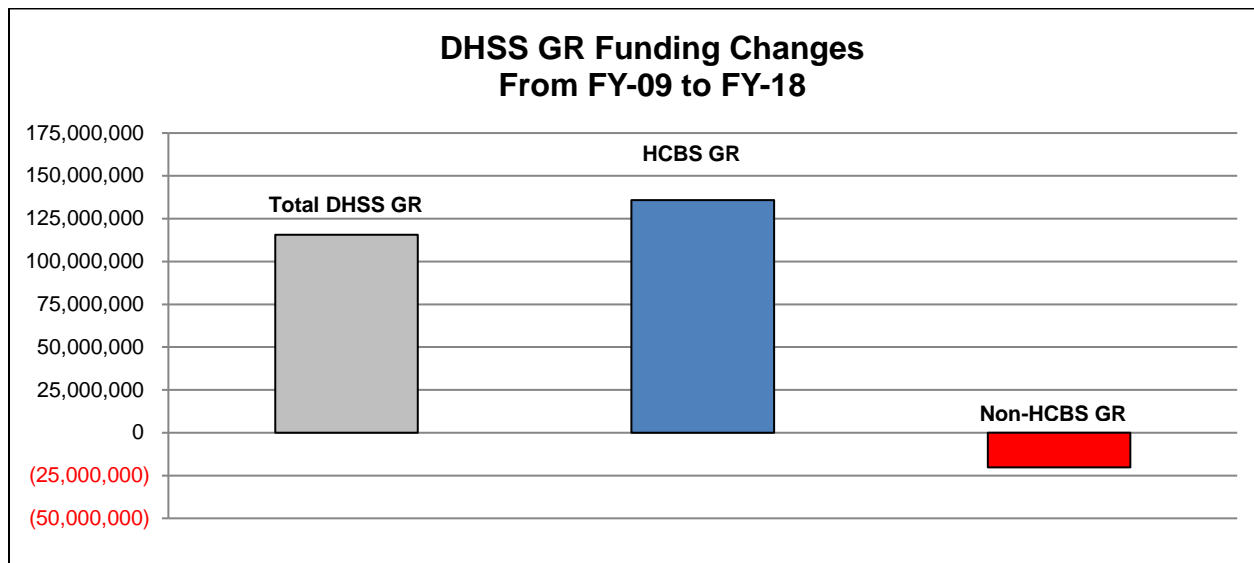
- We want to ensure citizens are safe without placing undue burdens on regulated entities that increase costs without enhancing safety.
- DHSS strives to reach an appropriate balance between regulatory enforcement and quality improvement initiatives for regulated industries.

## DHSS FY-18 Budget

Division/Program	Amount*	Percent	FTE
<b>Director's Office</b>	\$1,825,601	0.1%	33.20
<b>Division of Administration</b>	\$5,839,779	0.4%	70.73
Federal Grants and Donated Funds	\$3,554,663	0.3%	
<b>Division of Community and Public Health Program Operations</b>	\$30,053,040	2.2%	543.63
Aid to Local Public Health Agencies	\$13,222,692	1.0%	
Community and Public Health Programs and Contracts	\$97,591,611	7.0%	
Nutrition Services	\$194,680,851	14.0%	
Office on Women's Health	\$963,030	0.1%	3.00
Office of Minority Health	\$416,882	0.0%	4.98
Office of Primary Care and Rural Health	\$2,520,372	0.2%	15.20
PRIMO and Loans Programs	\$2,530,434	0.2%	
Office of Emergency Coordination	\$17,665,597	1.3%	33.02
State Public Health Laboratory	\$11,384,858	0.8%	98.01
<b>Division of Senior and Disability Services Program Operations</b>	\$21,622,900	1.6%	488.31
Adult Protective Services and NME Programs	\$972,093	0.1%	
Medicaid Home and Community Based Services	\$908,527,289	65.4%	
Medicaid Home and Community Based Services Reassessments	\$3,000,000	0.2%	
Naturally Occurring Retirement Communities	\$150,000	0.0%	
Alzheimer Grants	\$550,000	0.0%	
Senior Programs - Area Agencies on Aging Contracts	\$46,368,678	3.3%	
<b>Division of Regulation and Licensure Program Operations</b>	\$25,391,039	1.8%	460.96
Childcare Improvement Program	\$436,675	0.0%	
Missouri Health Facilities Review Committee	\$118,681	0.0%	2.00
DHSS Legal Expense	\$1	0.0%	
<b>Total</b>	<b>\$1,389,386,766</b>	<b>100.0%</b>	<b>1,753.04</b>
<b>General Revenue</b>	<b>\$374,903,532</b>	<b>27.0%</b>	
<b>Federal Funds</b>	<b>\$994,051,547</b>	<b>71.5%</b>	
<b>Other Funds</b>	<b>\$20,431,687</b>	<b>1.5%</b>	

\*Amount does not include amounts from the MO Senior Services Protection Fund (0421)-\$23,973,124

- \$994 million (71.5 percent) of all DHSS' funding comes from federal funds—Medicaid; Women, Infants and Children; Maternal and Child Health; etc.
- Only 27 percent of DHSS' funding comes from General Revenue (GR).
- 83 percent of all DHSS' GR funding is for one program—Medicaid Home and Community Based Services (HCBS).
- It may appear that DHSS has fared quite well in the budget arena, as DHSS' GR appropriations increased by \$115.6 million (44.5 percent) since FY-09.
- The GR growth was fueled by one program—Medicaid Home and Community Based Services—which **increased by \$135.8 million (77.5 percent)** since FY-09.
- GR funding for all of the department's other (non-HCBS) functions has been **cut by \$20 million (24 percent)** during the same time period (see chart below).
- DHSS' staff complement is 1,753.04 FTE, which is 480.9 fewer FTE (21.5 percent) than the number budgeted in FY-03.



# Summary of the Principal DHSS Units

## Director's Office

- Leads the department by listening to citizens and community partners to coordinate department responses to provide solutions to issues that improve outcomes.
- Director Randall Williams has visited all 115 counties in the state to meet and understand citizens' concerns.
- Articulates and reinforces the department's vision and goals.
- Provides advice and counsel on public health and senior issues.
- Provides professional support for the entire department (legal, human resources, etc.).

## Division of Administration

- Provides administrative and financial support services for the entire department.
- Prepares the departmental budget submission of over \$1.4 billion and responds to budget-related inquiries.
- In FY 2017 the division
  - Reviewed 2,476 contracts and amendments.
  - Processed 879 grant applications and financial reports.
  - Completed 46,231 payment documents.
  - Prepared 978 fiscal note responses.
  - Processed 8,098 purchase orders and modifications
  - Coordinated facility space at 101 locations for employees providing services across the state.

## Division of Community and Public Health

- Supports and collaborates with Missouri's public health system to protect Missourians.
- Prevents and controls communicable diseases and detects emerging diseases through surveillance and monitoring of an average of 66,000 reportable cases each year.
- Reduces the risk of illness and disease by assuring appropriate sanitation and safety practices through inspections of an estimated 36,000 regulated facilities.
- Promotes healthy living and the prevention of chronic diseases.
  - Operates the WIC, Child and Adult Care Food Programs and Summer Food Service Program to improve access to nutritious food; providing over 41,000,000 meals and serving over 119,000 women, infants and children with nutrition assessment and counseling services and over \$86 million in grocery vouchers.
  - Improves birth outcomes through home visiting programs for at-risk populations.
  - Reduces the impact of chronic disease through smoking prevention, Show-Me Healthy Women, Wisewoman, etc.
- Coordinates the public health response to regional, state, and national emergencies working very closely with SEMA.
- Maintains birth, death, marriage and divorce records; certifying over 197,000 records, amending 16,000 records, and issuing over 102,000 copies to customers each year.

## **State Public Health Lab**

### **Newborn Screening**

- Screened 91,175 samples for 72 metabolic, genetic and endocrine disorders for nearly all infants born in Missouri.
  - 7,275 samples were reported as borderline to high risk.
  - 163 infants were confirmed with disorders so that life-saving intervention could be applied.

### **Environmental Bacteriology**

- Tested 53 food samples as part of associated food outbreak investigations occurring throughout Missouri.
- Tested 67,423 drinking water samples for bacterial contamination from Missouri's public and private drinking water supplies. In conjunction with the Department of Natural Resources, these results lead to further action or boil orders issued to protect public health.

### **Infectious Disease**

- Tested 12,528 samples for infectious disease investigations occurring throughout Missouri to interrupt and control the spread of disease.
  - Approximately 400 samples tested to support high profile testing such as Zika.
  - Approximately 20 samples tested for bioterrorism/select agents in conjunction with the FBI or Missouri's sentinel laboratory system.

### **Missouri Laboratory Response Network**

- Trained 93 laboratorians representing 48 Missouri laboratory facilities to appropriately handle, package and ship infectious substances.
- Trained 45 scientists representing 24 Missouri laboratory facilities on principles of biosafety and agents of bioterrorism.
  - 25 scientists representing 17 Missouri sentinel laboratories were provided hands-on training in the manipulation of simulated bioterrorism samples at the Missouri State Public Health Laboratory.

### **Division of Senior and Disability Services**

- Conducts investigations of approximately 26,000 alleged abuse, neglect, and financial exploitation and provides adult protective services for eligible adults.
- Authorizes and oversees the provision of home and community based care for more than 60,000 citizens.
- Provides care plan management for home and community-based services for over 60,000 clients.
- Provides information about services for seniors and adults with disabilities.
- Monitors \$41 for Older Americans Act programs and services provided through the Area Agencies on Aging.



## Division of Regulation and Licensure

- Licenses, certifies and registers:
  - 1,187 Long-term care facilities;
  - 168 Hospitals, 110 ambulatory surgical centers, 153 renal dialysis, 5,717 clinical laboratories, 4,918 medical radiation, 176 home health and 111 hospice;
  - 31,100 (total registrants) Prescribers and dispensers of controlled substances;
  - 3,462 Childcare facilities;
  - 24,439 Emergency medical technicians and 279 ambulance services; and
  - 139 Adult day care.
- In 2017 provided 480,417 screening of direct care workers through the Family Care Safety Registry.
- Tests, licenses, and disciplines nursing home 1,632 administrators.
- Provides an average of 71 Certificate of Need reviews annually for proposed health care services.

## DHSS Contact Information



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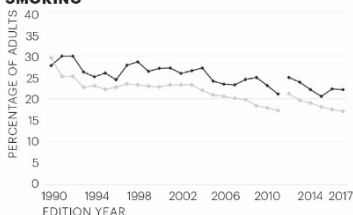
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# Missouri

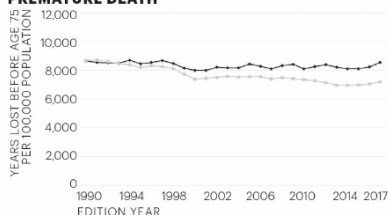
	Rating	2017 Value	2017 Rank	No. 1 State
<b>Behaviors</b>				
Drug Deaths (deaths per 100,000 population)	+++	17.6	30	5.7
Excessive Drinking (% of adults)	++	19.5	33	11.8
High School Graduation (% of students)	+++++	87.8	10	90.8
Obesity (% of adults)	++	31.7	34	22.3
Physical Inactivity (% of adults)	++	24.9	33	15.7
Smoking (% of adults)	+	22.1	43	8.8
<b>Behaviors Total*</b>	++	-0.105	39	0.295
<b>Community &amp; Environment</b>				
Air Pollution (micrograms of fine particles per cubic meter)	++	8.3	33	3.8
Children in Poverty (% of children)	+++	18.6	30	7.6
Infectious Disease (mean z score of chlamydia, pertussis and <i>Salmonella</i> )*	+++	-0.167	22	-1.107
Chlamydia (cases per 100,000 population)	++	477.4	31	233.3
Pertussis (cases per 100,000 population)	+++	4.4	22	0.4
<i>Salmonella</i> (cases per 100,000 population)	+++	16.2	25	9.3
Occupational Fatalities (deaths per 100,000 workers)	+++	4.8	29	2.0
Violent Crime (offenses per 100,000 population)	+	519	43	124
<b>Community &amp; Environment Total*</b>	++	-0.036	35	0.324
<b>Policy</b>				
Immunizations—Adolescents (mean z score of HPV, meningococcal and Tdap)*	+	-1.133	45	1.717
HPV Females (% of females aged 13 to 17 years)	+	38.5	45	73.0
HPV Males (% of males aged 13 to 17 years)	++	33.3	36	68.7
Meningococcal (% of adolescents aged 13 to 17 years)	+	66.2	47	96.4
Tdap (% of adolescents aged 13 to 17 years)	+	83.9	42	96.7
Immunizations—Children (% of children aged 19 to 35 months)	+	66.9	43	80.6
Public Health Funding (dollars per person)	+	\$53	45	\$506
Uninsured (% of population)	++	9.4	31	2.7
<b>Policy Total*</b>	+	-0.069	42	0.185
<b>Clinical Care</b>				
Dentists (number per 100,000 population)	+	48.5	41	88.5
Low Birthweight (% of live births)	+++	8.3	29	5.8
Mental Health Providers (number per 100,000 population)	++	171.5	36	547.3
Preventable Hospitalizations (discharges per 1,000 Medicare enrollees)	++	56.6	40	23.3
Primary Care Physicians (number per 100,000 population)	+++++	160.4	16	451.1
<b>Clinical Care Total*</b>	++	-0.062	37	0.180
<b>All Determinants*</b>	+	-0.273	41	0.778
<b>Outcomes</b>				
Cancer Deaths (deaths per 100,000 population)	+	209.0	41	150.5
Cardiovascular Deaths (deaths per 100,000 population)	+	288.6	41	189.7
Diabetes (% of adults)	++	11.5	37	6.6
Disparity in Health Status (% difference by high school education)	+++++	25.5	16	8.1
Frequent Mental Distress (% of adults)	++	13.2	38	8.3
Frequent Physical Distress (% of adults)	++	13.5	38	8.2
Infant Mortality (deaths per 1,000 live births)	+++	6.3	30	4.2
Premature Death (years lost before age 75 per 100,000 population)	++	8,558	40	5,555
<b>All Outcomes*</b>	++	-0.148	40	0.254
<b>OVERALL*</b>	++	-0.420	40	0.916

\* Value indicates z score. Negative scores are below U.S. value; positive scores are above U.S. value. For complete definitions of measures including data sources and years, see Table 7.

## SMOKING



## PREMATURE DEATH



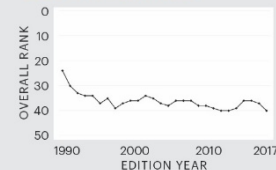
The 2012–2017 data in the smoking graph is not directly comparable with prior years.

**OVERALL RANK:**  
**40**

Change: ▼ 3

Determinants Rank: 41

Outcomes Rank: 40



## Strengths:

- High percentage of high school graduation
- Small disparity in health status by educational attainment
- Higher number of primary care physicians

## Challenges:

- High prevalence of smoking
- High violent crime rate
- Lower number of dentists

## Highlights:

- In the past five years, drug deaths increased 18% from 14.9 to 17.6 deaths per 100,000 population
- In the past five years, air pollution decreased 19% from 10.3 to 8.3 micrograms of fine particles per cubic meter
- In the past three years, low birthweight increased 8% from 7.7% to 8.3% of live births
- In the past 10 years, air pollution decreased 32% from 12.2 to 8.3 micrograms of fine particles per cubic meter
- In the past two years, excessive drinking increased 21% from 16.1% to 19.5% of adults

## Ranking:

Missouri is 40th this year; it was 37th in 2016. The state ranks 42nd for senior health and 35th for the health of women and children.

## State Health Department Website:

[www.dhss.mo.gov](http://www.dhss.mo.gov)